

BLASTP ALIGNMENT OF SEQ ID NO: 5 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 5)
Subject: gi|15213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
Length = 243

Score = 158 (60.7 bits), Expect = 1.3e-08, P = 1.3e-08

Identities = 42/136 (30%), Positives = 67/136 (49%)

Query: 670 RVAFSAA-RTSNLAAFGTLDQPIVFDLILNMLGETFDLQLGRFNCPVNGTYVFLFHMLKLA 728
R AFS T P + PI F + N +D G+F+C + G Y F +H+
Sbjct: 111 RSAFSVGLETYVTVP ---NMPIRFTKIFYNQQNHYDGSTGKFCNCNIPGLYYFAYHITVYM 167

Query: 729 VNVPLYVNLMKNEEVVLVSAYANDGAPDHETASNHALQLFQGDQIWLRH---RGAIYG 784
+V V+L K ++ ++ Y + + AS +L L GDQ+WL++ R +Y
Sbjct: 168 KDVK--VSLFKKKDKAMLFETYDQYQENNVDQASGSVLLQVYGEGERNGLYA 225

Query: 785 SSMKYSTFSGYLLYQD 800
+ STF+G+LLY D
Sbjct: 226 DNDNDSTFTGFLLYHD 241

FIG. 1

BLASTP ALIGNMENT OF SEQ ID NO: 5 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 5)
Subject: AAY85144 AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
Length = 244

Score = 156 (60.0 bits), Expect = 4.3e-09, P = 4.3e-09

Identities = 41/136 (30%), Positives = 67/136 (49%)

Query: 670 RVAFSAA-RTSNLAPGTLQDQPIVFDLILNNLGETFDLQLGRFNCPVNGTYVFTFHMLKIA 728
R AFS T P + P F + N +D G+F+C + G Y F +H+
Sbjct: 112 RSAFSVGLETYTYTIP --NMPERFTKIFYNQONHYDGSTGKFHNCNTGGLYYFAYHITVYM 168

Query: 729 VNVPLIXVNLMKNEEVLVSAVANDGAPDHETASNHALQLFQGDQIWRLH ---RGAIYG 784
+V V+L K ++ ++ Y +++ AS +L L GDDQ+WL+++ R +Y
Sbjct: 169 KDVK--VSLFKKKDKAMLFETYDQQENNYDQASGSVLLHLEVGDQVWLQVYGEGERNGLYA 226

Query: 785 SSWKYSTFSGYLLYQD 800
+ STF+G+LLY D
Sbjct: 227 DNDNDSTFTGFLLYHD 242

FIG. 2

BLASTP ALIGNMENT OF SEQ ID NO: 15 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 15)
Subject: gi|15213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
Length = 243

Score = 147 (56.8 bits), Expect = 2.6e-07, P = 2.6e-07

Identities = 40/136 (29%), Positives = 65/136 (47%)

Query: 580 RVAFSAA-RTSNLAPGTLIDQPYGVDLILLNNLGETFDLQLGRENCPVNGTYVFLFHLKLA 638
R AFS T P + P + N +D G+F+C + G Y F +H+
Sbjct: 111 RSAFSVGLETYVTVP ---NMPIRFTKIFYNQQNHYDGSTGKFHNCNIPGLYYFAYHITVYM 167

Query: 639 VNVPLXYVNLMKNEEVTLVSAVANDGAPDHEETASNHALQLFQGDQIWRLH---RGATIYG 694
+V V+L K ++ Y + + AS +L L GDQ+WL++ R +Y
Sbjct: 168 KDVK-VSLFKKDVKAMLFTYDQYQENNNVQASGSVILHLEVGDQVWLQVYGEGERNGLYA 225

Query: 695 SSWKYSTFSGYLQYQD 710
+ STF+G+LLY D
Sbjct: 226 DNDNDSTFTGFLLYHD 241

FIG. 3

BLASTP ALIGNMENT OF SEQ ID NO: 15 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 15)
Subject: AAY85144 AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
Length = 244

Score = 151 (58.2 bits), Expect = 1.5e-08, P = 1.5e-08

Identities = 40/136 (29%), Positives = 66/136 (48%)

Query: 580 RVAFSAA-RTSNLAPGTLIDQPYGVDLLNMLGETFDLQLGRFNCPVNGTYVFLFHMLKLA 638
R AFS T P + P + N +D G+F+C + G Y F +H+
Sbjct: 112 RSAFSVGLETYTYIP --NMPERFTKIFYNQONHYDGSTGKFHNCNTIPGLYYFAYHITVYM 168

Query: 639 VNVPLYNLMKNEBVVLVSAYANDGAPDHEATASNHALQLFQGDQIWRLH---RGAIYG 694
+V V+L K ++ ++ Y +++ AS +L L GDQ+WL++ R +Y
Sbjct: 169 KDVK--VSLFKKD KAMLF TYDQYQENNYDQASGSVLLHLEVGDQVWLQVYGEGERNGLYA 226

Query: 695 SSWKYSTFSGYLLYQD 710
+ STF+G+LLY D
Sbjct: 227 DNDNDSTFTGFLLYHD 242

FIG. 4

BLASTP ALIGNMENT OF SEQ ID NO: 28 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

Query: Adiponectin-Like polypeptide (SEQ ID NO: 28)
 Subject: gi|5213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
 Length = 243

Score = 351 (128.6 bits), Expect = 7.7e-31, P = 7.7e-31

Identities = 84/225 (37%), Positives = 124/225 (55%)

Query: 525 GPPGFPGLGKPGVAG-LHGPPGKPGALGPQQPGPGLPGRPGPPGPPGPPAVMPPPPQGE 583
 GP + K G + G PG PG G G+ G PG G G P + P +G
 Sbjct: 23 GPGVLLPLPKGACTGWMAGIPGHPGHNGVPGRDGTGPKGLIGP---KG- 77

Query: 584 YLPDMG-LGIDGVKPKPHAYGARKKGKNGP---AYEM-PAFTAELTAPFPPVGA
 PFKNL 638
 D G G+ G + P + +G+ G P AY AF+ L P++F K+
 Sbjct: 78 ---DTGETGVTGTAEGPGRGFPGLQGRKGEFEGAYVYRSAFSVGLETYVTPNMPIRFTKI 134

Query: 639 LYNGRQYNPQTGIRITCEVPGVYYFAYHVHCKGGNVWVALFKNEPVMYTYDEYKKGFLD 698
 YN + +Y+ TG F C +PG+YYFAAH+ +V V+LFK ++ + +TYD+Y++ +D
 Sbjct: 135 FYNQQNHYDGSTGKPHCNIPGLYYFAYHITVYMKDVVKVSLFKKD KAMLFYDQYQENNVD 194

Query: 699 QASGSVILLLRPGDRVFLQMPSE-QAAGLYAGQYVHSSFSGYLLY 742
 QASGS +L L GD+V+LQ+ E + GLYA S+F+G+LLY
 Sbjct: 195 QASGSVILLHLEVGDQVWLQVYGEGERNGLYADNDNDSTFTGFLY 239

FIG. 5

BLASTP ALIGNMENT OF SEQ ID NO: 28 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 28)
Subject: AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
Length = 244

Score = 363 (132.8 bits), Expect = 6.7e-33, P = 6.7e-33

Identities = 87/236 (36%), Positives = 129/236 (54%)

Query: 514 IPGPKGEFGLPGPPGFPGIGKPGVAG-LHGPPKGALGPQGPGLPGPPGPPGPPA 572
+PG E + GP + K G + G PG G G+ G PG G G P
Sbjct: 13 LPGHDQETTIQGPGVLLPLPKGACTGWMAGIPGHPGHNGAPGRDGRDGTPGEKGEKGDPG 72

Query: 573 VMPPTPPPQGEYLPMG-LGIDGVKPPHAYGAKKGKNGGP---AYEM-PAFTAELTAPFP 627
++ P +G D+G G+ G + P + +G+ G P AY AF+ L +
Sbjct: 73 LIGP----KG----DIGETGVFVGAEGPRGPBPQGIQGRKGEPGEVYVYRSAFSVGLETYYT 124

Query: 628 PVGAPVKPNKLLYNGRQNYNPQQTGIFTCEVPGVYYFAYVHCKGGNVWVALFKNNNEPVMY 687
P +F K+ YN + +Y+ TG F C +PG+YYFAYH+ +V V+LFK ++ +++
Sbjct: 125 IPNMPERFTKIFYNQNHYDGSTGKFCNCN1PGLLYFAYHITVYMKDVKVSLFKDKAMLF 184

Query: 688 TYDEYKKGFIDQASGSAVLLRPGDRVFLQMPSE-QAAGLYAGQYVHSSFSGQYLL 742
TYD+Y++ DQASGS +I L GD+V+LQ+ E + GLYA S+F+G+LLY
Sbjct: 185 TYDQYQENNYDQASGSVLLHLEVGDQVWLQVYGEGRNGLYADNDNDSTFTGFLLY 240

BLASTP ALIGNMENT OF SEQ ID NO: 160 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

Query:	Adiponectin-Like polypeptide (SEQ ID NO: 160)	
Subject:	gi 5213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)	Length = 243
 Score = 410 (149.4 bits), Expect = 5.3e-38, P = 5.3e-38		
Identities = 92/228 (40%), Positives = 133/228 (58%)		
Query:	53 GPHGRIGLPGRDGRKGEKEKGTAGLRLGKGTGPLGLAGEKGKDQGETGKKGPIGPEGERK 112	
Subject:	GP + LP G G G+ G+ G GEKG++G+ G IGP+G+ 23 GPGVLLPLPKGACTGMMAGIPGHPGHNPGRDGRDGTGPKGDPLI--IGPKGDT 79	
Query:	113 GEVGPIGPPGPKGDRGEQGDPGLPGVCRCCGSIVLKSAAFSVGITTSYPEERLPIIFNKVLF 172	
Subject:	GE G G GP+G G QG G PG G+ V +SAFSVG+ T +PI F K+ + 80 GETGVITGAEGPRGFPGIQRKKGEPGE--GAYVYRASFVGLEYTVVPNMPIRFTKIFY 136	
Query:	173 NEGEHYNPATGKFICAFPGIYYFSYDITIANKHLAIGLVHNGQYRIKTFDANTGNH-DVA 231	
Subject:	N+ HY+ +TGKF C PG+YYF+Y IT+ K + + L + + T+D N+ D A 137 NQQNHYDGSTGKPHCNIPGLIYYFAHITVYMKDVKVSLFKKDAMLFTYDQYQENNVDQA 196	
Query:	232 SGSTVILQPEDEVNLEIFFT-DONGLFSDPGWADSLFSGFLIYVDTD 278	
Subject:	SGS +++L+ D+VNL++ +NGL++ DS F+GFLLY DT+ 197 SGSVLHLEVGDQVWLQVYGEGERNGLYADND-NDSTFTGFLIYHDTN 243	

BLASTP ALIGNMENT OF SEQ ID NO: 160 WITH HUMAN ADIPONECTIN
 AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query:	Adiponectin-Like Polypeptide (SEQ ID NO: 160)	
Subject:	AAV85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)	
Length:	244	
Score:	411 (149.7 bits), Expect = 7.3e-39, P = 7.3e-39	
Identities:	94/238 (39%), Positives = 134/238 (56%)	
Query:	43 PGPPGANGSPGPGRIGLPGRDGRKGKEKGKTAGLRGKTPGLGLAGEKGDDQGETGK	102
PG	GP + LP	G G G+ G GEKG++G+ G
sbjct:	14 PGHDQETTIQGPGVLLPLPKGACTGWMAGIPGHPGHNGAPGRDGRDGTPEKGEKGDPGL	73
Query:	103 KGPIGPGEKGEGVGP1GPPGPKGDRGEQGDPGLPGVCRCGSIVLKSAFSVGVITTSYPEER	162
IGP+G+	GE G GP+G G QG G PG	G+ V +SAFSVG+ T Y
sbjct:	74 ---IGPKGDIGETGVPGAEGRPFGPQIQRKGEPE--	--GAVYVRSAFSVSGLETYTIPN
Query:	163 LPIIIFNKVLFNEGHEHYNPATGKFICAFPGIYYFSYDITLANKHLAIGLVHNGQYRIRKTFD	222
+P F K+ +N+ HY+ +TGKF C PG+YYF+Y IT+ K + + L + + T+D		
sbjct:	128 MPERFTKIFYNQONHYDGSTGKFEHCN1PGLYYFAHYITVYMKDVSLFKDKAMLFYD	187
Query:	223 A-NTGNHDVAGSGSTV1YLOPDEDEVWLEIIFT-DQNGLFSDFGWADSLFSGFLLYVDTD	278
N+D ASGS ++++L+ D+VWL+++ +NGL++D	DS F+GFLLY DT+	
sbjct:	188 OYOENNYDOASGSVILLHLEVGDOVWLOVYGEGERGNGLYADND-NDSTFTGFLLYHDTN	244

8 FIG.

BLASTP ALIGNMENT OF SEQ ID NO: 186 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

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Query: Adiponectin-Like Polypeptide (SEQ ID NO: 186)
Subject: gi|15213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
Length = 243

Score = 472 (171.2 bits), Expect = 1.4e-44, P = 1.4e-44

Identities = 104/204 (50%), Positives = 130/204 (63%)

Query: 86 GIKGDGSSRGSPGKHDPKGLAGPMGEKGLRGETGPQQKGNKGDVGPTEGPRGNIGPL 145
        GI G G PG+ G G GEKG G GP KG+ G+ G TG EGPRG G
Sbjct: 41 GIPGHPGHNGVPGRLGRDGTGPKGEKGDPLIGP--KGDGTGETGVTGAEGPRGFPGIQ 97

Query: 146 GPTGLPGEIGKPG-PKG-EAGPTGPQDMPIKFDKILLYNEFNIHYDTAAGKFTCHIAGV 203
        G G PG + + G E T P +MPI+F KI YN+ NHYD + GKF C+I G+
Sbjct: 98 GRKGEPEGAYVRSAFSVGLETTYVTVP-NMPPIRFTKIFYNQQNHYDGSTGKFHCNIPGL 156

Query: 204 YYFTYHITVFSRNVQVSLVKNGVKILHTKDAYMSSE-DQASGGIVLQLKLGDEVWLQVTG 262
        YYF YHITV+ ++V+VSL K +L T D Y + DQASG ++L L+GD+VWLQV G
Sbjct: 157 YYFAYHITVYMKDVVKVSLFKKKDKAMLFTYDQYQENNVDQASGSVLLHLEVGDQVWLQVYQ 216

Query: 263 -GERFNGLFADEDDDTTFTGFLLF 285
        GER NGL+AD D+D+TFTGFLL+
Sbjct: 217 EGER-NGLYADNDNDSTFTGFLLY 239

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FIG. 9

BLASTP ALIGNMENT OF SEQ ID NO: 186 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 186)
 Subject: AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
 adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
 Length = 244

Score = 458 (166.3 bits), Expect = 7.6e-44, P = 7.6e-44

Identities = 102/204 (50%), Positives = 129/204 (63%)

Query:	86	GIKGDQGSRGSPGKHGPKGLAGPMGEKGLRGETGPQQKGNKGDVGPTGPEGPRGNIGPL	145	
	GI G G G+PG+ G G G GEKG G GP	KG+ G+ G EGPRG G		
Sbjct:	42	GIPGHPGHNGAPGRDGRDTPGEKGEKDPGLIGP--	-KGDIGETGVPGAEGPRGFPGIQ	98
Query:	146	GPTGLPGLPMPGPIKGKG - PKG - EAGPTGPQDMPIKFDKILYNEBFNHYDTAAGKFTCHIAGV	203	
	G G PG + + G E T P +MP +F KI YN+ NYHD + GKF C+ I G+			
Sbjct:	99	GRKGEPEGAYVYRSAFSVGLERYTIP-NMPPERFTKIFYNQQNHYDGSTGKFHCNIPGL	157	
Query:	204	YYFTYHITVFSRNVQSVLSVKNGVKILHTRDAYSSE -DQASGGIVLQLKLGDEVWLQVTG	262	
	YYF YHITV+ +V+VSL K +L T D Y + DQASG ++L L+ +GD+VWLQV G			
Sbjct:	158	YYFAYHITVYMKDVKVSLLFKKDVKAMLFYDQYQENNNDQASGSVLLHLEVGDQVWLQVYQ	217	
Query:	263	-GERFNGILFADEDDDTTFTGFLLF	285	
Sbjct:	218	GER NGL+AD D+D+TFTGFLL+		
	GER NGLYADNDNDSTFTGFLLY	240		

FIG. 10

BLASTP ALIGNMENT OF SEQ ID NO: 215 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

Query:	Adiponectin-Like Polypeptide (SEQ ID NO: 215)	Subject:	gi 15213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
Length:	243		
Score:	208 (78.3 bits), Expect = 1.4e-16, P = 1.4e-16	Identities:	57/178 (32%), Positives = 86/178 (48%)
Query:	104 GLAGPMGEKGKLRGETGPQGQKCNKGDVGPTGPEGPRGNIGPLGPTGLPGLPMGPIGKPGPK 163	Subject:	41 GIPGHPGHNGVPGRDGRDGTPEKGKGDPLIGPKDTGETCIVTGAEGPRGFPGIQGRK 100
Query:	164 GEAGPTGPQGEPGVR-GIRGWKGDGEKGKIGETLVLPKSAFTVGLTVLSKFPSSDVPIK 222	Subject:	101 GEPGEGAYYVRSAFSVGLEYTVTVPNMP.RFTKTFIYNNQNHY-GST--GKFHCNLFGLY 157
Query:	223 FDKIHITVFSRNVQVSLVKNGVKILHTRDAYVSSE-DQASGSIVLQLKLGDEMWCVIIH 279	Subject:	158 YFAYHITVYMKDVVKSLFKDKAMLFYTYDQYQENNVDQASGSVLLHLEVGDQVWLQWVY 215

FIG. 11

BLASTP ALIGNMENT OF SEQ ID NO: 215 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 215)
 Subject: AAY85144 AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
 adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
 Length = 244

Score = 213 (80.0 bits), Expect = 7.0e-18, P = 7.0e-18

Identities = 60/182 (32%), Positives = 91/182 (50%)

Query: 104 GLAGPMGEKGLRGETGPQGQKGNKGDVGETGPEGPRGNIGPLGPTGLPGPMGPIGKPGPK 163
 G+ G G G G G G KG+ G G GP+G+IG TG+PG GP G PG +
 Sbjct: 42 GIPGHPGHNGAPGRDGRDGTGPGKGEKGDKPGKGDIGE--TGVPGAEGPRGFPGIQ 98

Query: 164 GEAGPTGPQGEPGVR-----GIRGWKGDRGEKGKIGETVLVLPKSAFTVGLTVLSKFPSSD 218
 G G G +G R G+
 Sbjct: 99 GRKGEPG-EGAYVYRSAFSVGLETYTYILNMPERFTKIFYNQQNHYD-GST--GKFHCNI 154

Query: 219 VPIKFDKIHITVFSRNVQVSLVKNGVKILHTRDAYVSSE-DQASGSIVLQLKLGDEMWCV 277
 + + HITV+ ++V+VSL K +L T D Y + DQASGS+L L+GD+W
 Sbjct: 155 PGLYYRAYHITVYMDVKVSLFKDKAMLFYDQYQENNNDQASGSVLLHLEVGDQWILQ 214

Query: 278 IH 279

Sbjct: 215 VY 216

BLASTP ALIGNMENT OF SEQ ID NO: 241 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 241)
Subject: gi|15213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
Length = 243

Score = 476 (172.6 bits), Expect = 5.4e-45, P = 5.4e-45

Identities = 101/202 (50%), Positives = 129/202 (63%)

Query: 131 GPTGPEGPRGNIGPLQGPTGGLPGDMGPPIGKPGPKGEAGPPTGPOQEPPGVQGIRGMKGDRGEK 190
G G G G G G G PG G G PG G G PG G G TG G G +G RG+ G +G K
Sbjct: 41 GIPGHPGHNGVPGRDGRDGTPEKGEKGDPGGLIGPKGDTGETGVTGAEGPRGFPGIQRK 100

Query: 191 GKIGETLVLPKSAFTYGLTVLSKFPSSDRPIKFDKILLYNEFNYHYDTAAGKFTCHIAGVYY 250
G+ GE + +SAF+YGL P+ PI+F KI YN+ NHYD + GKF C+I G+YY
Sbjct: 101 GEPGEGAVYVRSAFSVGLEYTVTPNM-PIRFTKIFYNQQNHYDGSTGKFHCNTPGLYY 158

Query: 251 FTYHITVFSRNVQSVSLVKNGVKILHTKDAYMSSE-DQASGGIVLQLKLGDDEVMLQVTG-G 308
F YHITV+ ++V+VSL K +L T D Y + DQASG ++L L+GD+VMLQV G G
Sbjct: 159 FAYHITVYMKDVKVSLFKKDKAMLFYDQYQENNVLQASGSVILLHLEVGDQVWLQVYGEQ 218

Query: 309 ERFNGLFADEDDDTTFTGFLLF 330
ER NGL+AD D+D+TFTGFLL+
Sbjct: 219 ER-NGLYADNDNDSTFTGFLLY 239

FIG. 13

BLASTP ALIGNMENT OF SEQ ID NO: 241 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 241)
Subject: AAY85144 AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
Length = 244

Score = 473 (171.6 bits), Expect = 2.0e-45, P = 2.0e-45

Identities = 100/202 (49%), Positives = 128/202 (63%)

Query: 131 GPTGPEGPRGNITGPLGPTGGLPGPMGPIGKPGPKGEAAGPTGPGQGEPTGVQGIRGVKGDRGEK 190
G G G G G G G PG G G PG G G PG G G PG +G RG+ G +G K
Sbjct: 42 GIPGHPGHNGAPGRDGRDGTGPGKGEKGDPGLIGPKGDIGETGVPGGAEGPRGFPGIQRGRK 101

Query: 191 GKITGETLVLPLPKSAFTVGLTVLSKFPSSDRPIKFDKILYNEFNYDTAAGKFTCHIAGVYY 250
G+ GE + +SAF+VGL P+ P +F KI YN+ NHYD + GKF C+I G+YY
Sbjct: 102 GEPGEGAYVYRSAFSVGGLEYYTIPNM - -PERFTKIFYNQQNHYDGSTGKFHNCNIPGLYY 159

Query: 251 FTYHITVFSRNVQVSLVKNGVKILLHTKDAYMSSE-DOASGGIVLQLKLGDDEVNLQVTG-G 308
F YHITV+ ++V+VSL K +L T D Y + DQASG ++L L++GD+VWLQV G G
Sbjct: 160 FAYHITVYMKDVKVSLFKDKZAMLFTYDQYQENNYDQASGSVLLHLEVGDDQVWLQVYEG 219

Query: 309 ERFNGLFADEDDDTTFTGFLIF 330
ER NGL+AD D+D+TFTGFLI+
Sbjct: 220 ER-NGLYADNDNDSDTFTGFLIY 240

FIG. 14

BLASTP ALIGNMENT OF SEQ ID NO: 272 WITH
ADIPOSE TISSUE-SPECIFIC PROTEIN ADIPO Q (SEQ ID NO: 403)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 272)
Subject: gi|14289336 AF269230_1 (AF269230) adipose tissue-specific protein adipo Q
[Bos taurus] (SEQ ID NO: 403) Length = 240

Score = 212 (79.7 bits), Expect = 1.0e-34, Sum P(2) = 1.0e-34

Identities = 41/78 (52%), Positives = 56/78 (71%)

Query: 227 HITVFSRNVQVSLVKNGVKILHITKDAYMSE-DQASGGIVLQLKLGDEVWLQVTGGERFN 285
HITV+ ++V+VSL K +L T D Y DQASG ++L L++GD+VWLQV GE N
Sbjct: 158 HITVYMKDVVKVSLFKDKAVLFYYDQYQEKNVDQASGSVLLHLEVGDQVWLQVYEGENHN 217

Query: 286 GLFADEDDDTTFTGFLLF 303
G++AD +D+TFTGFLL+
Sbjct: 218 GVYADNVNDSTFTGFLLY 235

FIG. 15a

BLASTP ALIGNMENT OF SEQ ID NO: 272 WITH
ADIPOSE TISSUE-SPECIFIC PROTEIN ADIPO Q (SEQ ID NO: 403)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 272)
Subject: gi|14289336 AF269230_1 (AF269230) adipose tissue-specific protein adipo Q
[Bos taurus] (SEQ ID NO: 403) Length = 240

Score = 183 (69.5 bits), Expect = 1.0e-34, Sum P(2) = 1.0e-34

Identities = 43/100 (43%), Positives = 56/100 (56%)

Query: 6 LLLAIEICTGNINSQD-----TCRQGHFPGIPGNPGHNGLPGRDGRDGAKGDKGDAGEPG 59
Subject: 7 LLLA+ G N +D C GIPG+PGHNG PGRDGRDG G+KG+ G+ G
9 LLLALP-SHGEDNMEDPPLPKGACAGWWMAGIIPGHPGHNGTPGRDGTGTPGEKGEKGDAG 67

Query: 60 RPGSPGKDGTSGEKGKGERGADGKVEAKGIKGDQGSRGSPGK 99
Subject: 68 LIGPKGE---TGDVGMITGAEGP --RGFIFTGPKGEKGPGE 101

FIG. 15b

BLASTP ALIGNMENT OF SEQ ID NO: 272 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 272)
Subject: AAY85144 AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
Length = 244

Score = 307 (113.1 bits), Expect = 7.6e-28, P = 7.6e-28

Identities = 84/200 (42%), Positives = 109/200 (54%)

Query: 131 GPTGPEGPRGNITGPLGPTGLPCPMGPIGKPGPKGEAGPTGPGQGEPGVQGIRGWKGDRGEK 190
G G G G G G PG G G PG G G PG G G PG +G RG+ G +G K
Sbjct: 42 GIPGHPGHNGAPGRDGRDGTGPKDGLIGPKGDIGETGVPGAEGRGFPGIQGRK 101

Query: 191 GKIGETLVLPKSAFTVGLTVLSKFPSS-DRPIK-----FD-----KIH----- 227
G+ GE + +SAF+VGL P+ +R K +D K H
Sbjct: 102 GEPGEGAYVYRSAFSVGLEYTYTIPNMPPERFTKIFYNQQNHYDGSTGKFHCN1PGLYYFA 161

Query: 228 --ITVFSRNVQVSLVKGKILLHTKDAYMSSE-DQASGGIVLQLKLQDEVWLQVTG-GER 283
ITV+ ++V+VSL K +L T D Y + DQASG ++L L+GD+VWLQV G GER
Sbjct: 162 YHITVYMDVKVSLFKDKAMILFTYDQYQENNYDQASGSVLLHLEVGDQVWLQVYGEGER 221

Query: 284 FNGLFADEDDEDDTTFTGFLF 303
NGL+AD D+D+IFTGFL+
Sbjct: 222 -NGLYADDNDNDSTFTGFLF 240

FIG. 16

BLASTP ALIGNMENT OF SEQ ID NO: 302 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 302)
 Subject: gi|5213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
 Length = 243

Score = 330 (121.2 bits), Expect = 1.6e-29, P = 1.6e-29

Identities = 82/220 (37%), Positives = 116/220 (52%)

Query: 124 PSTAATPDRGLMOSLPLTFIGPKGEAGRGRGKAGPRGPPGEPGPGRGMGPPGEKGEFGRQG 183
 P A T G M +P G G GR G+ G GE G PG +GP G+ GE G G
 Sbjct: 31 PKGACT---GWMAGI.PGH-PGHN.GVPGRDGRDGTGPKDGLIGPKDTGETGVTG 86

Query: 184 LPGPPGAPGLNAA-GAISAAATYSTGPKIAFYAGLKRQHEGYEV-LIKFDDVVTNLLGNHYDP 241
 GP G PG+ G Y + AF GL+ + ++F + N NHYD
 Sbjct: 87 AEGPRGFPGI.QGRRKGEPGEAYVY--RSAFSVGLETYYTVPNMPIRFTKIFYNQQNHYDG 144

Query: 242 TTGKFTCSIPGIYFTTYHVLMRGGDGTSMWADLCKNNQVRASAAIAQDADQNYDYASNSVV 301
 +TGKF C+IPG+Y+F YH+ + D + L K ++ Q + N D AS SV+
 Sbjct: 145 STGKFHNCNIPGLYYFAYHITVYMKD---VKVSLFKKD KAMLFTYDQYQENNVDQASGSVL 201

Query: 302 LHLEPGDDEVYIKLDG-GKAHG--GNNNNKYSTFSGFLIYAD 338
 LHLE GD+V++ G G+ +G +N+ STF+GF+Y D
 Sbjct: 202 LHLEVGDQVWLQVYGEGERNGLYADNDNDSTFTGFLLYHD 241

**BLASTP ALIGNMENT OF SEQ ID NO: 302 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)**

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 302)
 Subject: AAY85144 AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
 adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
 Length = 244

Score = 336 (123.3 bits), Expect = 5.8e-31, P = 5.8e-31

Identities = 83/220 (37%), Positives = 117/220 (53%)

Query: 124 PSTAATPDRGLMOSLIPPTFIQGPKGGEAGRPGKAGPRGPPGEPGPPGPMGPGEKGEPKGEPRQG 183
 P A T G M +P G G GR G+ G G GE G PG +GP G+ GE G G
 Sbjct: 32 PKGACT---GWMAGIPEGH-PGHNGAPGRDGRDGTGPGKGEKGDPLIGPKDIGETGVPG 87

Query: 184 LPGPPGAPGLNAA-GAISAATYSTGPKIAFAYAGLKRQHEGYEVL-KFDDVVTVNLGNHYDP 241
 GP G PG+ G Y + AF GL+ + +F + N NHYD
 Sbjct: 88 AEGPRGFPGTQGRKGEPGEAYVY--RSAFSGVLETYTYTIPNMPPERFTKIFYNQQNHYDG 145

Query: 242 TTGKFTCSIPGIYFFTYHVLMRGGDTSMWADLCKNNQVRASATAQDQNYDYASNSVV 301
 +TGKF C+IPG+Y+F YH+ + D + L K + + Q + NYD AS SV+
 Sbjct: 146 STGKFKHNCNIPGLYYFAYHITVYMKD---VKVSLFKKDAMLFTYDQYQENNNDQASGSVL 202

Query: 302 LHLEPGDDEVYIKLDG-GKAHG--GNNNNKYSTFSGFIIYAD 338
 LHLE GD+V+++ G G+ +G +N+ STF+GF++Y D
 Sbjct: 203 LHLEVGDQVWLQVYGEGERNLGYADNDNDSTFTGFLLYHD 242

BLASTP ALIGNMENT OF SEQ ID NO: 323 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

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Query: Aciponectin-Like Polypeptide (SEQ ID NO: 323)
Subject: gi|5213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
Length = 243

Score = 330 (121.2 bits), Expect = 1.6e-29, P = 1.6e-29

Identities = 82/220 (37%), Positives = 116/220 (52%)

Query: 30 PSTAATPDRGLMOSLIPITIQLGPKGEAGRDFKAGPRGPPGEPGRPMGPGRGEPGRQG 89
        P A T G M +P G G GR G+ G GE G PG +GP G+ GE G G
Sbjct: 31 PKGACT---GWMAG1PGH-PGHNGVPGRDGRDGTGPGEKGEKGDPLIGPKDTGETGVTG 86

Query: 90 LPGPPGAPGLNAA-GAISAAATYSTGPKIAFYAGLKRQHEGYEV-LKFDDVVTVNLGNHYDP 147
        GP G PG+ G Y + AF GL+ + ++F + N NHYD
Sbjct: 87 AEGPRGFPGIQLQRKGKGEPEGAYVY--RSAFSVGLEYTVTPNMPIRFTKIFYNQONHYDG 144

Query: 148 TTGKFTCSIPGIYFFTYYHVLMRGGDTSMWADLCKNNQVRASAIQDADQNYDYASNSVV 207
        +TGKF C+IPG+Y+F YH+ + D + L K ++ Q + N D AS SV+
Sbjct: 145 STGKFHCMNIPGLYYPAYHITVYMKD---VKVSLFKKD KAMLFTYDQYQENNVDQASGSVL 201

Query: 208 LHLEPGDEVYIKLDG-GKAHG--GNNNKYSTFSGFLIYAD 244
        LHLE GD+V+++ G G+ +G +N+ STF+GF+Y D
Sbjct: 202 LHLEVGDQVWLQVYCEGERNGLYADNDNDSTFTGFLLYHD 241

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FIG. 19

BLASTP ALIGNMENT OF SEQ ID NO: 323 WITH HUMAN ADIPONECTIN
 AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 323)
 Subject: AAY85144 AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
 adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
 Length = 244

Score = 336 (123.3 bits), Expect = 5.8e-31, P = 5.8e-31

Identities = 83/220 (37%), Positives = 117/220 (53%)

Query: 30 PSTAATPDRGLMQSILPTFIQGEKGEAGRPGKAGPRGPPGEPGPPGPPGPMGPPGKGEPKGEPRQG 89
 P A T G M +P G G GR G+ G G GE G PG +GP G+ GE G G
 Sbjct: 32 PKGACT--GWMAGIIPGH-PGHEINGAPGRDGRDGTGTPGEKGEKGDPLIGPKGDIGETGVPG 87

Query: 90 LPGPPGAPGLNAA-GAISAATYSTGPKIAFYAGLKRQHEGYEVL-KFDDVVVTNLGNHYDP 147
 GP G PG+ G Y + AF GL+ + +F + N NHYD
 Sbjct: 88 AEGPRGFPGIQGRKGEPEGAYVY--RSAAFSVGLETYYTIPNMPERFTKIFYNQOQNHYDG 145

Query: 148 TTGKFTCSIPGIYFFTYHVLMRGGDGTSMWDLCKNNQVRASAIAQDADQNYDASNSVV 207
 +TGKF C+IPG+Y+F YH+ + D + L K ++ Q + NYD AS SV+
 Sbjct: 146 STGKFHCMNPGLYYFAYHITVYMKD--VKVSLFKKDAMLFTYDQYQENNYDQASGSVL 202

Query: 208 LHLEPGDDEVYIKLDG-GKAHG--GNNNNKYSTFSGFIITYAD 244
 LHLE GD+V+++ G G+ +G +N+ STF+GF+Y D
 Sbjct: 203 LHLEVGDQVWLQVYGEGERNGLYADNDNDSTFTGFULLYHD 242

FIG. 20

BLASTP ALIGNMENT OF SEQ ID NO: 348 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 348)
 Subject: gi|15213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
 Length = 243

Score = 138 (53.6 bits), Expect = 1.9e-06, P = 1.9e-06

Identities = 69/220 (31%), Positives = 90/220 (40%)

Query: 296 PQQPGSTGIVIAFTGQAGPPAGGVSGR-GLPQRGVDGQTGSGTVPGAEGFAGAPGYPKSPP 354
 P PG GV G+ G P G G GL G G TG V GAEG G PG
 Sbjct: 43 PGHPGHNGVPGRDGRDGTGEKGEKGDPLI-GPKGDTGETGVTAEGPGRGFPQIQRKKG 101

Query: 355 VASPGAPPSLVSFSAGL-TQKPFPSDGGVVLFNKNVILVNDGDVYINPSTGVFTAPYDGRYL 413
 GA V +FS GL T P+ + F K+ N + Y+ STG F G Y
 Sbjct: 102 EPGEGAYYVRS-AFSVGGLETYVTVPNMP-IRFTKIFYNQQNHYDGSTGKFHCNIPGLYY 158

Query: 414 ITATLTPERDAYEAV-LSVSNASVAQLHTAGYRREFLEYHRTGALHTCGGPGAFHLIV 472
 +T Y++ V +S+ A L T Y + ++ G +++
 Sbjct: 159 FAYHIT---VYMKDVKVSLFKKDAMLRT---Y---DQYQENNVDQASSG-----VLL 202

Query: 473 HLKAGDAVNVVVTG----GKLAHTDFDEMYSITFSGVFLY 507
 HL+ GD V + V G G A D D STF+G LY
 Sbjct: 203 HLEVGDQVWLQVYGEGERGLYADNDND---STFTGFLLY 239

FIG. 21

BLASTP ALIGNMENT OF SEQ ID NO: 348 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 348)
Subject: AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
Length = 244

Score = 132 (51.5 bits), Expect = 1.7e-06, P = 1.7e-06

Identities = 75/243 (30%), Positives = 98/243 (40%)

Query: 269 PRPSGPATAEDPGRGPVLPQRPPEERPPQQPGSTGVIAETGQAGPPAGGVSGRGLPRGV 328
P P G T G +P P G G E G+ G P G+ G P+G
Sbjct: 30 PLPKGACTGWMAG---IPGHPHNGAPGRDGRDGTPEKGEKGDP---GLIG---PKGD 79

Query: 329 DGQTGSGTVPGAEGTAGAPGYPKSPPVAVPGAPVPSLVFSAGL-TQKPFPSDGGVVLFN 387
G+TG VPGAEG G PG
Sbjct: 80 IGETG---VPGAEGERGFPGIQGRKGEPEGAYVYRS-AFSVGLETYTTIPNMPE--RFT 133

Query: 388 KVLVNDGDVYNPSTGVFTAPYDGRYLITATLTPERDAYVEAV-LSVSNASVAAQLHTAGYR 446
K+ N + Y+ STG F G Y +T Y++ V +S+
Sbjct: 134 KIFYNQONHYDGSTGKFCN1PGLYYFAYHIT---VYMKDVKVSLFKKDRAMLFTYDQY 189

Query: 447 REFLEYHRPTGA--LHTCGGGPAGFLIVHLKAGDAVNVVVTGGKLAHTDDEMYSFSGV 504
+E Y + +G+ LH G + I V+ G+ G A D D STH+G
Sbjct: 190 QEN-NYDQASGSVLLHLEVGDQVM-LQVY---GEGER---NGLYADNDND---STFTGF 237

Query: 505 FLY 507

Sbjct: 238 LLY 240

FIG. 22

BLASTP ALIGNMENT OF SEQ ID NO: 355 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

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Query: Adiponectin-Like Polypeptide (SEQ ID NO: 355)
Subject: gi|5213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
Length = 243

Score = 199 (75.1 bits), Expect = 1.2e-15, P = 1.2e-15

Identities = 53/134 (39%), Positives = 68/134 (50%)

Query: 37 PRGPGPDGAPASVPPFP-----PGAKGEVGRRGKAGLRGPPGPPGPPGPPGPPGPPG 91
          P+G   G   A +P   P   PG   G   G+ G +G   PG   GP+G   GE   G   G   G
Sbjct: 31 PKG-ACTGWWAGIPGHPGHNGVPGRDGRDGTGPKGDGTGETGVTGAEG 89

Query: 92 PPG-PGPGGVA--PAAG-YVPRIAFYAGIIRRPHEGYEV-LRFDDVVTVNNGNAYEAASGKF 146
          P   G   PG   G   P   G   YV   R   AF   GL   + +RF   +   N   N   Y+   ++GKF
Sbjct: 90 PRGFPGIQGRKGEPEGVYVYRSAFSGVGLETYTVPNMPIRFTKTFYNQQNHYDGSTGKF 149

Query: 147 TCPMPGVYFFAYHV 160
          C +PG+Y+PAYH+
Sbjct: 150 HCNTIPGLYYFAYHI 163

```

FIG. 23

**BLASTP ALIGNMENT OF SEQ ID NO: 355 WITH HUMAN ADIPONECTIN
AMINO ACID SEQUENCE (SEQ ID NO: 404)**

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 355)
 Subject: AAY85144 AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
 adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
 Length = 244

Score = 204 (76.9 bits), Expect = 6.3e-17, P = 6.3e-17

Identities = 54/134 (40%), Positives = 69/134 (51%)

Query:	37	PRGPGPDGAPASVPPFP	----PGAKGEVGRRGKAGLRRGPPGP	PGPRGPPGEPGRPGPPG	91
	P+G	G A +P P	PG G G G+ G +G PG	GP+G GE G PG G	
subjct:	32	PKG-ACTGWMAGIPGHPGHNAGAPGRDGRDGT	PGKGDPGLIGPKGDIGETGVPGAEG		90
Query:	92	PPG-PGPGGVA--PAAG-YV	PRIAFYAGLRRPHEGYEV	L-RFDVVTVN	146
	P G PG G P G YV R AF	GL + + RF + N N Y + + GKF			
subjct:	91	PRGFPGIQGRKGE	PGEGAYVYR	SAFSVGLETYTYTIPNM	150
Query:	147	TCPMPGVYFFAYHV	160		
		C +PG+Y+FAIH+			
subjct:	151	HCNIPGLYYFAYHI	164		

FIG. 24

BLASTP ALIGNMENT OF SEQ ID NO: 378 WITH ADIPONECTIN POLYPEPTIDE (SEQ ID NO: 402)

Query: Adiponectin-Like Polypeptide (SEQ ID NO: 378)
 Subject: gi|15213856 AF404407_1 (AF404407) adiponectin [Macaca mulatta] (SEQ ID NO: 402)
 Length = 243

Score = 297 (109.6 bits), Expect = 5.0e-26, P = 5.0e-26

Identities = 80/215 (37%), Positives = 113/215 (52%)

Query: 37 PRGPGPDGAPASVPPFP-----PGAKGEVGRRGKAGLRGPPGPPGPRGPPGEPGRPGPPG 91
 P+G G A +P P G G G+ G +G PG GP+G GE G G G
 Sbjct: 31 PKG-ACTGMMAGIPGHPGHNPGPGRDGRDGTGPGEKGDGPGLIGPKGDTGETGVTGAEG 89

Query: 92 PPG-PGPGGVA--PAAG-YVPRIAFYAGILRRPHEGYEV-LRFDDVVTVNGNAYEAASGKF 14.6
 P G PG G P G YV R AF GL + +RF + N N Y+ ++GKF
 Sbjct: 90 PRGFPGIQGRKGEPEGAYVYRSAFSVGLETYTVPMPIRFTKIFYNQQNHYDGSTGKF 14.9

Query: 147 TCPMPGVYFFAYHVLMRGGDGTSMWADLMKNGQVRASAIAQDADQNYDYASNSVILHLDV 206
 C +PG+Y+FAYH+ + D + L K + Q + N D AS SV+LHL+V
 Sbjct: 150 HCNIPGLYYFAYHITVYMKD ---VKVSLFKDKAMLFYDQYQENNVDQASGSVLLHLEV 206

Query: 207 GDEVFIKLDG-GKVIHG--GNTNKYSTFSGFLIYPD 238
 GD+V++G G+ +G + + STF+GF+Y D
 Sbjct: 207 GDQVWLQVYGEGERNGLYADNDNDSTFTGFLLYHD 241

FIG. 25

BLASTP ALIGNMENT OF SEQ ID NO: 378 WITH HUMAN ADIPONECTIN
 AMINO ACID SEQUENCE (SEQ ID NO: 404)

Query: Adiponectin-like Polypeptide (SEQ ID NO: 378)
 Subject: AAY85144 AAY85144 13-MAR-2000 09-MAR-1999 20-JUN-2000 09-MAR-1999 Human
 adiponectin amino acid sequence. [Homo sapiens] (SEQ ID NO: 404)
 Length = 244

Score = 310 (114.2 bits), Expect = 3.7e-28, P = 3.7e-28

Identities = 82/215 (38%), Positives = 115/215 (53%)

Query: 37 PRGPGPDGAPASVPPFP-----PGAKGEVGRGKAGLRGPPGPPGPRGPGEPRGPGLPPG 91
 P+G G A +P P PG G G+G +G PG GP+G GE G PG G
 Sbjct: 32 PRG-ACTGWMAGIIPGHPGHNGAPGRDGRDGTPEKCEKGDPGLIGPKGDIGETGVPGAEG 90

Query: 92 PPG-PPGGVA--PAAG-YVPIRAFYAGLRRPHEGYEVL-RFDDVVTVNGNAYEAASGKF 146
 P G PG G P G YV R AF GL + + RF + N N Y+ +GKF
 Sbjct: 91 PRGFPGIQGRKGEPEGAYVYRSAFSVGLETYTTIPNMPPERFTKIFYNQONHYDGSTGKF 150

Query: 147 TCPMPGVYFFAYHVLMRGGDGTSMWADLMKNGQVRAASAIAQDADQNYDYASNSVILHLDV 206
 C +PG+Y+FAFH+ + D + L K + Q + NYD AS SV+LHL+V
 Sbjct: 151 HCNIPGGLYYFAYHITVYMKD---VKVSLFKKDKAMLFTYDQYQENNYDQASGSVLLHLEV 207

Query: 207 GDEVFIKLDG-GKVHG--GNTNKYSTFSGFLIYPD 238
 GD+V+++ G G+ +G + STF+GF+Y D
 Sbjct: 208 GDQVWLQVYIYEGEGERGLYADNDNDSTFTGFLLYHD 242